

# **Abstract**

## Rubber mixture for tire treads

5           The invention relates to a sulfur-curable rubber mixture for tire treads, in particular, for tire treads of racing tires, which contains at least one diene rubber, at least one filler, plasticizer, and further usual additives.

10           For a simple production and improved skidding resistance of the tires, the rubber mixture, relative to 100 parts by weight of the entire rubber components, contains 5 to 90 phr of at least one sheet silicate which is modified with alkylammonium ions of the general formula  $^+NR_4$  and is free of additional guest molecules polymerized or swelled in by a prior treatment.